IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/506680

Applicants : Chan Wah NG et al.

Group Art Unit : Not Yet Assigned

Appl. No. : 10/506,680
(U.S. National Stage of PCT/JP 2003/03140)

Examiner : Not Yet Assigned

I.A. Filed : March 17, 2003

For : METHOD AND APPARATUS FOR CONFIGURING AND
CONTROLLING NETWORK RESOURCES IN CONTENT
DELIVERY WITH DISTRIBUTED RULES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicants hereby submit a copy of an International Search Report that was mailed on October 24, 2003, with respect to International Patent Application No. PCT/JP 2003/03140, of which the present application is the U.S. National Stage Application, in which the following documents were cited:

P. SRISURESH et al., "Middlebox Communication Architecture and Framework", Internet Engineering Task Force, February 28, 2002, pp. 1-35;

A. BECK et al., "IRML: A Rule Specification Language for Intermediate Services; Version 02", IETF Internet Draft, November 21, 2001, pp. 1-27;

C.W. NG et al., "Quality of Service Extension to IRML", IETF Internet Draft, July 2001, pp. 1-13, downloaded from http://www.globecome.net/ietf;

International Patent Application Publication No. WO 01/77841;

A. BARBIR et al., "Requirements for an OPES Service Personalization Callout Server", IETF Internet Draft, March 7, 2002, pp. 1-25, downloaded from http://www.globecome.net/ietf;

W.-Y. MA et al., "Content Services Network: The Architecture and Protocols", Proceedings of the Sixth International Workshop on Web Caching and Content Distribution, June 20, 2001, pp. 1-9, downloaded from http://www.cs.bu.edu;

U.S. Patent No. 5,781,534;

C.W. NG et al., "Sub-System Extensions to IRML", IETF Internet Draft, June 2001, pp. 1-8, downloaded from http://www.globecome.net/ietf;

"Internet Content Adaptation protocol (ICAP)", International Conference on Antennas and Propagation, July 30, 2001, pp. 1-13;

H. SCHULTZRINNE, "RTP: A Transport Protocol for Real-Time Applications", Network Working Group Request for Comments, January 1, 1996. Applicants note that this document is cited on page 3 of the specification of the present application; and

C.W. NG et al., "QoS and Delivery Context in Rule-Based Edge Services", 7th International Workshop on Web Content Caching and Distribution, August 14, 2002, downloaded from http://2002.iwcw.org.

The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the European Examiner are set forth in the International Search Report.

Applicants also bring to the Examiner's attention the following documents:

"Overview of the IETF", downloaded from ttp://www.ietf.org/overview.html, 3 pages;

"Device Independence Principles : W3C Working Draft September 18, 2001", downloaded from http://www.w3.org/TR/di-princ/, 28 pages;

R. FIELDING et al., "Hypertext Transfer Protocol -- HTTP/1.1", June 1999. Applicants note that this document is cited on page 2 of the specification of the present application;

H. SCHULZRINNE et al., "Real Time Streaming Protocol (RTSP)", April 1998. Applicants note that this document is cited in the paragraph bridging pages 2 and 3 of the specification of the present application;

H. SCHULZRINNE et al., "RTP: A Transport Protocol For Real-Time Applications", January 1996. Applicants note that this document is cited on page 3 of the Specification of the present application;

R. GIMSON et al., "Device Independence Principles", September 1, 2003. Applicants note that this document is cited on page 4 of the specification of the present application; and
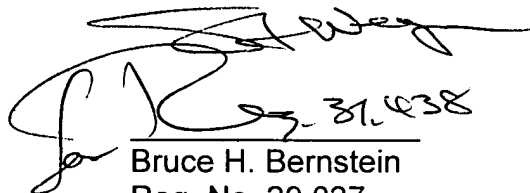
G. TOMLISON et al., "A Model for Open Pluggable Edge Services", November 20, 2001. Applicants note that this document is cited on page 4 of the specification of the present application.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted documents are attached hereto and all of the documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Chan Wah NG et al.

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December 17, 2004
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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P25932	Application No. 10/506,680
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Chan Wah NG et al.	
		Filing Date March 17, 2003	Group Not Yet Assinged

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	7	8	1	5	3	4	07/14/98	PERLMAN et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER					DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	01	/		7	7	8	4	1	10/18/01	W.I.P.O			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		1	P. SRISURESH et al., "Middlebox Communication Architecture and Framework", Internet Engineering Task Force, February 28, 2002, pp. 1-35.
		2	A. BECK et al., "IRML: A Rule Specification Language for Intermediate Services; Version 02", IETF Internet Draft, November 21, 2001, pp. 1-27.
		3	C.W. NG et al., "Quality of Service Extension to IRML", IETF Internet Draft, July 2001, pp. 1-13, downloaded from http://www.globecome.net/ietf.
		4	A. BARBIR et al., "Requirements for an OPES Service Personalization Callout Server", IETF Internet Draft, March 7, 2002, pp. 1-25, downloaded from http://www.globecome.net/ietf.
		5	W.-Y. MA et al., "Content Services Network: The Architecture and Protocols", Proceedings of the Sixth International Workshop on Web Caching and Content Distribution, June 20, 2001, pp. 1-9, downloaded from http://www.cs.bu.edu.
		6	C.W. NG et al., "Sub-System Extensions to IRML", IETF Internet Draft, June 2001, pp. 1-8, downloaded from http://www.globecome.net/ietf.
		7	"Internet Content Adaptation protocol (ICAP)", International Conference on Antennas and Propagation, July 30, 2001, pp. 1-13.
		8	H. SCHULTZRINNE, "RTP: A Transport Protocol for Real-Time Applications", Network Working Group Request for Comments, January 1, 1996. Applicants note that this document is cited on page 3 of the specification of the present application.
		9	C.W. NG et al., "QoS and Delivery Context in Rule-Based Edge Services", 7th International Workshop on Web Content Caching and Distribution, August 14, 2002, downloaded from http://2002.iwcw.org.
	1	0	"Overview of the IETF", downloaded from ttp://www.ietf.org/overview.html, 3 pages.
	1	1	"Device Independence Principles : W3C Working Draft September 18, 2001", downloaded from http://www.w3.org/TR/di-princ/, 28 pages.
	1	2	R. FIELDING et al., "Hypertext Transfer Protocol -- HTTP/1.1", June 1999. Applicants note that this document is cited on page 2 of the specification of the present application.
	1	3	H. SCHULZRINNE et al., "Real Time Streaming Protocol (RTSP)", April 1998. Applicants note that this document is cited in the paragraph bridging pages 2 and 3 of the specification of the present application.
	1	4	H. SCHULZRINNE et al., "RTP: A Transport Protocol For Real-Time Applications", January 1996. Applicants note that this document is cited on page 3 of the Specification of the present application.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	5	R. GIMSON et al., "Device Independence Principles", September 1, 2003. Applicants note that this document is cited on page 4 of the specification of the present application.
	1	6	G. TOMLISON et al., "A Model for Open Pluggable Edge Services", November 20, 2001. Applicants note that this document is cited on page 4 of the specification of the present application.

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